

Title (en)

A LAUNDRY DETERGENT COMPOSITION COMPRISING A PARTICLE HAVING HUEING AGENT AND CLAY

Title (de)

WASCHMITTELZUSAMMENSETZUNG MIT PARTIKELN MIT EINEM FÄRBE MITTEL UND TON

Title (fr)

COMPOSITION DE DÉTERGENT DE BLANCHISSERIE COMPRENANT UNE PARTICULE CONTENANT UN COLORANT TEINTANT ET DE L'ARGILE

Publication

EP 2847310 A1 20150318 (EN)

Application

EP 13723372 A 20130508

Priority

- US 201261644466 P 20120509
- US 2013040017 W 20130508

Abstract (en)

[origin: US2013303429A1] A laundry detergent composition having a particle, wherein the particle has: (a) hueing agent, wherein the hueing agent has the following structure: wherein: R1 and R2 are independently selected from the group consisting of: H; alkyl; alkoxy; alkyleneoxy; alkyl capped alkyleneoxy; urea; and amido; R3 is a substituted aryl group; X is a substituted group comprising sulfonamide moiety and optionally an alkyl and/or aryl moiety, and wherein the substituent group comprises at least one alkyleneoxy chain that comprises an average molar distribution of at least four alkyleneoxy moieties; (b) clay; and (c) another detergent ingredient.

IPC 8 full level

C09B 67/08 (2006.01); **C09B 67/42** (2006.01); **C11D 3/12** (2006.01); **C11D 3/40** (2006.01); **C11D 17/00** (2006.01); **D06L 4/40** (2017.01)

CPC (source: EP RU US)

C09B 67/0007 (2013.01 - EP US); **C09B 67/0092** (2013.01 - EP US); **C09B 67/0095** (2013.01 - EP US); **C11D 3/12** (2013.01 - RU); **C11D 3/126** (2013.01 - EP US); **C11D 3/40** (2013.01 - EP RU US); **C11D 3/42** (2013.01 - US); **C11D 3/43** (2013.01 - RU); **C11D 17/0034** (2013.01 - EP US); **C11D 3/3707** (2013.01 - RU); **C11D 17/00** (2013.01 - RU)

Citation (search report)

See references of WO 2013169828A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2013303429 A1 20131114; **US 9540600 B2 20170110**; AR 090998 A1 20141230; BR 112014027859 A2 20170627; CN 104284969 A 20150114; EP 2847310 A1 20150318; IN 9099DEN2014 A 20150522; JP 2015524005 A 20150820; JP 6105057 B2 20170329; MX 2014012872 A 20150119; RU 2014139793 A 20160420; RU 2600323 C2 20161020; WO 2013169828 A1 20131114; ZA 201407124 B 20160525

DOCDB simple family (application)

US 201313874548 A 20130501; AR P130101604 A 20130508; BR 112014027859 A 20130508; CN 201380024238 A 20130508; EP 13723372 A 20130508; IN 9099DEN2014 A 20141030; JP 2015511639 A 20130508; MX 2014012872 A 20130508; RU 2014139793 A 20130508; US 2013040017 W 20130508; ZA 201407124 A 20141001